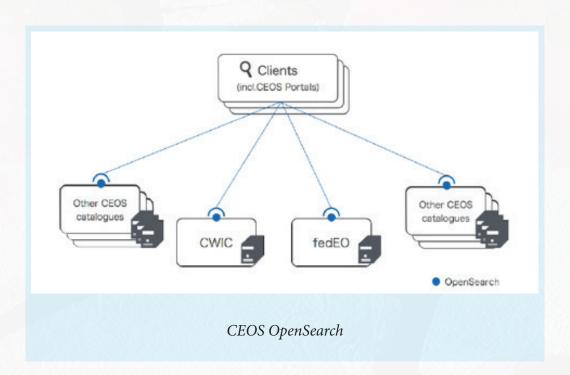


CEOS OpenSearch Project

Purpose

The CEOS OpenSearch Project aims to increase the level of interoperability among CEOS systems interfaces by:

- Promoting the use of the CEOS OpenSearch by Earth observation data providers as a means of improving data discovery
- Collecting the expectations and requirements of data providers interested in OpenSearch implementation
- Removing ambiguity in implementations where possible
- Facilitating the aggregation of data search results from disparate Earth data providers via OpenSearch common standards
- Enabling clients to access search engines via an OpenSearch Description Document (OSDD) without prior knowledge of or experience using the interface
- Facilitating smooth integrations between related OpenSearch implementations, such as a dataset resource collection that refers to granule resource collections from another provider



Results

The CEOS OpenSearch project did not attempt to define a new standard, but, rather, leveraged existing international guidelines to produce both a CEOS OpenSearch Best Practice and a CEOS OpenSearch Developer Guide. Current versions of these documents can be found on the WGISS website.

CEOS Open Search Best Practice Guide

Objective: to collect and describe requirements about the OpenSearch interface, while remaining as implementation/technology independent as possible. This document provides server implementation best practices for the EO OpenSearch search service that facilitates standardized and harmonized access to metadata and CEOS Agency data, including that of CWIC and FedEO.

CEOS Open Search Developer Guide

Objective: to provide guidelines for the implementation of an OpenSearch search engine aligned with the Open Search Best Practice requirements.